

# MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

**September 30, 2008**

All Contents in Acre-Feet

RESERVOIR	CAPACITY*	CONTENTS				% CAPACITY 9/30/2008	%AVERAGE 9/30/2008	Reading Date	COMMENTS
	Full Pool Contents	AVERAGE 1960 - 2007	Last Year 9/30/2007	Last Month 8/31/2008	PRESENT 9/30/2008				
ACKLEY	6,140	3,276	2,136	1,663	1,469	24	45	9/25/08	from M. Norberg el.=4290.32
BAIR	7,300	2,627	1,436	1,921	1,771	24	67	9/30/08	from D. Mann el.=5292.37
CATARACT	1,478	369	128	200	150	10	41	9/22/08	volume estimated
COONEY	28,230	14,585	15,044	21,130	19,154	68	131	9/23/08	from J. Krook el.=4239.4
COTTONWOOD	1,900	366	29	1,072	976	51	267	9/26/08	from P. Dassenko el.=5097.65
DEADMAN'S BASIN	75,968	32,356	22,727	35,179	31,654	42	98	9/30/08	from D. Mann el.=3896.65 (27,904 af)
E.F. ROCK CREEK	16,040	5,321	6,165	7,855	9,241	58	174	10/1/08	from data logger
FRENCHMAN	2,777	2,042	691	987	980	35	48	10/1/08	volume estimated
MARTINSDALE	23,348	7,831	0	8,768	6,633	28	85	9/30/08	from D. Mann el.=4756.13
MIDDLE CREEK	10,184	3,305	6,659	6,859	5,710	56	173	10/1/08	from B. Watne el.=6698.6
NEVADA CREEK	11,207	4,168	3,640	6,695	5,636	50	135	10/1/08	from J. Beck el.= 4598.7
NILAN	10,992	5,409	4,725	7,048	6,610	60	122	10/1/08	from J. Beck el.= 4432.94 (5,710 af)
N.FK. SMITH RIVER	11,406	4,713	3,811	6,795	5,538	49	118	9/30/08	from D. Mann el.=5467.29
RUBY RIVER	36,633	10,475	4,055	24,660	17,802	49	170	9/22/08	from B. Nelson el.=5368.6
TONGUE RIVER	79,071	35,876	47,598	50,983	48,379	61	135	10/1/08	from data logger
W.F. BITTERROOT	32,362	5,813	6,732	18,669	9,710	30	167	9/25/08	from A. Pernichele el.=4676.08
WILLOW CREEK	18,000	7,479	7,491	11,570	7,222	40	97	9/30/08	from L. Kinne el.=4720
YELLOWATER	3,842	900	650	1,500	1,500	39	167	10/1/08	volume estimated

\* Note: Reservoir contents include dead storage at the following:

Ackley	325 AF	**	** O&M slope storage table does not include dead storage (so dead storage has to be added into the storage from the table)
Cooney	90 AF	**	Tongue River 711 AF (O&M storage table includes dead storage)
Deadman's	3750 AF	**	W. F. Bitterroot 656 AF (O&M storage table includes dead storage)
Nilan	900 AF	**	Willow Creek 269 AF (O&M storage table includes dead storage)

\* Note: Cooney capacity reflects capacity after 1982 dam rehabilitation; prior capacity was 24,195 A.F.. Average storage shown is for post rehabilitation data.

\* Note: Middle Creek capacity reflects capacity after 1993 dam rehabilitation; prior capacity was 8,027 A.F.. Average storage shown is for post rehabilitation data.

\* Note: Nevada Creek Reservoir Capacity reflects live storage capacity survey conducted in year 2000. Prior live storage capacity documented as 12,723 AF.

\* Note: Ruby River capacity reflects capacity at concrete crest elevation; capacity at top of flashboards is 37,612 A.F.

\* Note: Tongue River capacity reflects capacity after 1999 dam rehabilitation; prior capacity was 68,040 A.F.. Average storage is post rehabilitation data.

\* Note: Frenchman Reservoir capacity tables updated based on aerial survey; prior capacity was 3752 A.F. Average shown is pre aerial survey